United States Patent [19]

Tran

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[54] **THERAPEUTIC AGENT DELIVERY SYSTEM AND METHOD**

[75] Inventor: **Loi H. Tran, Wheaton, Ill.**

[73] Assignee: **Controlled Release Technologies, Inc., Batavia, Ill.**

[21] Appl. No.: **137,761**

[22] Filed: **Dec. 24, 1987**

Related U.S. Application Data

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[51] Int. Cl.[4] A61M 5/00

[52] U.S. Cl. 604/891.1; 604/131; 204/130

[58] Field of Search 604/82, 83, 86, 87, 604/93, 126, 891.1, 131; 204/130, 131

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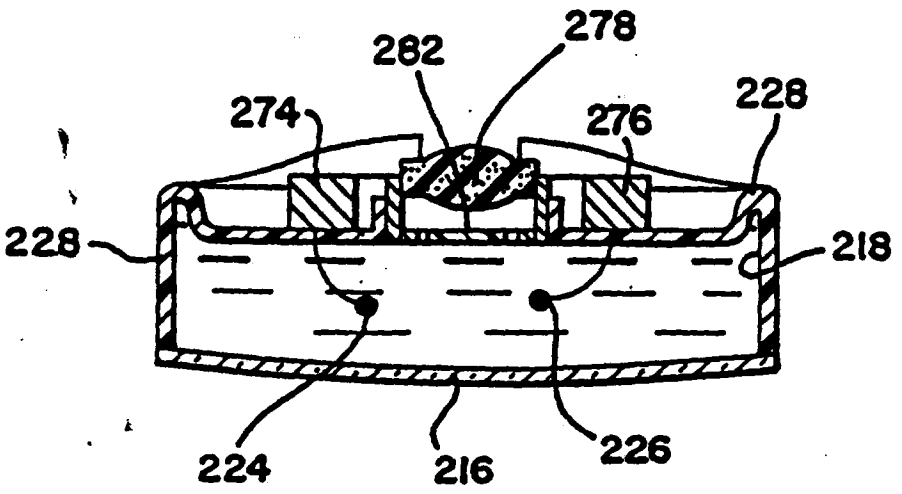
[57] **ABSTRACT**

A method and apparatus for controllably administering a therapeutic agent to a patient is disclosed. The method and apparatus uses an electromotive force between an anode and a cathode to cause the therapeutic agent to migrate through a semipermeable membrane. The therapeutic agent is then delivered to the patient.

6 Claims, 5 Drawing Sheets



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